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      FILE 'STNGUIDE' ENTERED AT 12:52:56 ON 17 MAY 2002

      FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 12:57:19 ON 17 MAY 2002
L1       9597 SEA PLU=ON  (INSULIN RECEPTOR SUBSTRATE) OR IRS
L2       1311 SEA PLU=ON  L1 AND (POLYMORPH? OR ALLELE OR SNP OR MUTAT? OR
              D KWIC 1-3
L3        311 SEA PLU=ON  L2 AND DIABETES
L4          2 SEA PLU=ON  L3 AND (EXERCISE OR AEROBIC)
L5          2 DUP REM L4 (0 DUPLICATES REMOVED)
              D TI 1-2
              D IBIB 1-2
              D IBIB AB 2
L6         44 SEA PLU=ON  L3 AND ACTIVITY
L7         25 DUP REM L6 (19 DUPLICATES REMOVED)
              D TI 1-25
L8         45 SEA PLU=ON  GLY972ARG
L9          9 SEA PLU=ON  GLY971ARG
L10         0 SEA PLU=ON  L8 AND L9
L11        22 DUP REM L8 (23 DUPLICATES REMOVED)
L12         5 DUP REM L9 (4 DUPLICATES REMOVED)
L13        27 SEA PLU=ON  L11 OR L12
L14        27 DUP REM L13 (0 DUPLICATES REMOVED)
              D TI 1-27
              D IBIB AB 6
L15       134 SEA PLU=ON  (EXERCISE OR AEROBIC) AND DIABET? AND (POLYMORPH?
              OR ALLELE OR SNP OR MUTAT? OR VARIANT)

      FILE 'STNGUIDE' ENTERED AT 13:06:45 ON 17 MAY 2002

      FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 13:09:31 ON 17 MAY 2002
L16        81 DUP REM L15 (53 DUPLICATES REMOVED)
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L17              0 SEA PLU=ON   SAKANE?/AU AND TRP64ARG/TI

      FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 13:38:51 ON 17 MAY 2002
L18             11 SEA PLU=ON   SAKANE?/AU AND TRP64ARG/TI
L19              1 SEA PLU=ON   L18 AND 1887/SO
                 D IBIB AB

      FILE 'STNGUIDE' ENTERED AT 13:40:22 ON 17 MAY 2002

      FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 13:51:30 ON 17 MAY 2002
L20              1 SEA PLU=ON   L19 AND L16

      FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 14:02:25 ON 17 MAY 2002
L21          10337 SEA PLU=ON   IRS OR (INSULIN (3A) SUBSTRATE (3A) RECEPTOR) OR
                 IRS1
L22            231 SEA PLU=ON   L21 AND (EXERCIS? OR WALK? OR BIKE OR BIKING OR
                 BICYCL? OR PHYSICAL OR AEROBIC)
L23             23 SEA PLU=ON   L22 AND (POLYMORPH? OR SNP OR VARIANT OR MUTAT?
OR
                 ALLELE)
L24             13 DUP REM L23 (10 DUPLICATES REMOVED)
                 D TI 1-13
                 D KWIC 11
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(FILE 'HOME' ENTERED AT 16:04:46 ON 17 MAY 2002)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 16:04:57 ON 17 MAY 2002
L1   446 S (IRS-1 OR IRS1 OR (INSULIN(3A)RECEPTOR(3A)SUBSTRATE(3A)1))
(8
L2   157 S L1 AND (DIABET?)
L3   79 S L2 AND (IMPROV? OR DECREAS? OR INCREAS?)
L4   34 DUP REM L3 (45 DUPLICATES REMOVED)

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          FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 16:04:57 ON 17 MAY 2002
L1            446 SEA PLU=ON   (IRS-1 OR IRS1 OR (INSULIN(3A) RECEPTOR(3A)
                  SUBSTRATE(3A) 1)) (8A) (ALLELE OR GENOTYPE OR POLYMORPH? OR
                  MUTANT OR VARIANT)
L2            157 SEA PLU=ON   L1 AND (DIABET?)
L3             79 SEA PLU=ON   L2 AND (IMPROV? OR DECREAS? OR INCREAS?)
L4             34 DUP REM L3 (45 DUPLICATES REMOVED)
                  D TI 1-34
                  D IBIB AB 30
                  D IBIB AB 13
                  D IBIB AB 12
L5             78 SEA PLU=ON   L2 NOT L3
L6             51 DUP REM L5 (27 DUPLICATES REMOVED)
                  D TI 1-51

          FILE 'STNGUIDE' E

          FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 16:46:18 ON 17 MAY 2002
L7              0 SEA PLU=ON   L6 AND (EXERCIS? OR WALK? OR BIKING OR BICYC? OR
                  PHYSICAL OR AEROBIC)
L8              2 SEA PLU=ON   L4 AND (EXERCIS? OR WALK? OR BIKING OR BICYC? OR
                  PHYSICAL OR AEROBIC)
                  D TI 1-2
                  D IBIB AB -2
L9              0 SEA PLU=ON   DIATET? AND IMPROV? AND (EXERCIS? OR WALK? OR
                  BIKING OR BICYC? OR PHYSICAL OR AEROBIC)
L10          2234 SEA PLU=ON   DIABET? AND IMPROV? AND (EXERCIS? OR WALK? OR
                  BIKING OR BICYC? OR PHYSICAL OR AEROBIC)
L11           258 SEA PLU=ON   DIABET? (10A) IMPROV? (10A) (EXERCIS? OR WALK? OR
                  BIKING OR BICYC? OR PHYSICAL OR AEROBIC)
L12            19 SEA PLU=ON   L11 AND NIDDM
L13            15 DUP REM L12 (4 DUPLICATES REMOVED)
                  D TI 1-15
                  D IBIB AB   L13
                  D IBIB AB 11

          FIL

          FILE 'STNGUIDE' ENTERED AT 16:56:52 ON 17 MAY 2002
L14             0 SEA PLU=ON   L11 AND TYPE 2

          FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 16:58:04 ON 17 MAY 2002
L15            53 SEA PLU=ON   L14
L16            50 SEA PLU=ON   L15 NOT L12
L17            34 DUP REM L16 (16 DUPLICATES REMOVED)
                  D TI 1-34
                  D IBIB AB 28

          FIL
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